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155864U.S. PTO

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on March 26, 1999 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EL117275917US, addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Attorney Docket No.: CISCP100

First Named Inventor: Chandran et al.

Chiantr Appling

66/92/30  
116912/60  
U.S. Patent  
PTO

**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

☒ Duplicate for  
fee processing

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
Kartik S. Chandran; Guenter Roeck; Sunil Khaunte

For: NETWORK TRAFFIC SHAPING USING TIME-BASED QUEUES

**Application Elements:**

- ☒ 28 Pages of Specification, Claims and Abstract  
☒ 11 Sheets of **informal** Drawings  
☐ 03 Pages Combined Declaration and Power of Attorney

**Accompanying Application Parts:**

- ☒ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)  
☐ 37 CFR 3.73(b) Statement by Assignee  
☒ Information Disclosure Statement with Form PTO-1449  
☒ Copies of IDS Citations  
☐ Preliminary Amendment  
☒ Return Receipt Postcard  
☐ Small Entity Statement(s)  
☐ Other:

Fee Calculation (37 CFR § 1.16)

	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY RATE FEE	OR	LARGE ENTITY RATE FEE
BASIC FEE			\$380 \$	OR	\$760 \$760
TOTAL CLAIMS	<u>27</u> -20 = <u>07</u>		x 9 = \$	OR	x 18 = \$126
INDEP CLAIMS	<u>04</u> -03 = <u>01</u>		x 39 = \$	OR	x 78 = \$ 78
[ ] Multiple Dependent Claim Presented			\$130 = \$	OR	\$260 = \$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			Total \$	OR	Total \$964

☒ Check No. 1761 in the amount of \$964.00 is enclosed.

☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 50-0388 (Order No. CISCP100).

General Authorization for Petition for Extension of Time (37 CFR §1.136)

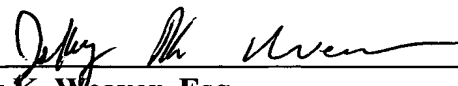
☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 50-0388 (Order No. CISCP100 ).

☒ Please send correspondence to the following address:

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Date: 3/26/99

  
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